

Abstract of the Disclosure

An extension arm suitable for mounting a flat-screen electronic peripheral device, such as a computer monitor or television, comprises a forearm extension that has at one end a first coupling for attachment to a tilter, a platform or other means for supporting a flat-screen device and at the other end a second coupling. The extension arm also comprises a pair of end caps, each having a shaft. The shaft of the first end cap is pivotably rotatable in a support mount, such as a wall, desk or pole mount. The shaft of the second end cap is pivotably rotatable in the second coupling of the forearm extension. The extension arm also comprises an upper channel and a lower channel. Each channel has at opposite ends a pair of integrally cast rollers which are pivotably attached to each of the end caps. The upper and lower channels and the end caps form an adjustable parallelogram. The shape of the parallelogram is retained by a gas spring, which is attached at a first end to a ball stud mounted in the upper channel and adjustably mounted at a second end to the first end cap. A clevis is located within the first end cap and is pivotably attached to the second end of the gas spring. A threaded rod threadedly engages the clevis, such that the clevis slides within the first end cap when the rod rotates around its axial centerline.